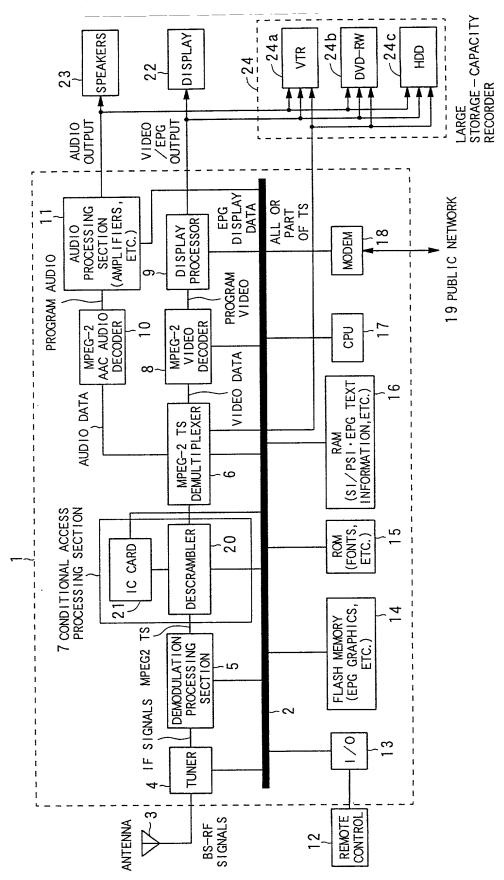
NUMATA et al Q66412
PROGRAM GUIDING APPARATUS AND
METHOD
Filed: September 27, 2001
Darryl Mexic 202-293-7060
1 of 24

FIG. 1



NUMATA et al Q66412
PROGRAM GUIDING APPARATUS AND
METHOD
Filed: September 27, 2001
Darryl Mexic 202-293-7060
2 of 24

## FIG. 2

					\					
				TO-VIEW/R	TO-VIEW/RECORD TABLE					
ENTRY NO.	ENTRY	CHANNEL NO.	PROGRAM TITLE	PROGRAM CODE	DATE	START CHANGE	HANGE	END	CHANGE	RECORDING
1	VIEW	130ch	PRO BASEBALT"OOWGAA"	ARGAKAK	MAXTAG		r LANG	- 11	FLAG	
			77700 77700		IMAI 13	13.00	-	13:45		-
2	RECORD	40ch	MOVIE"MARS"	4545453	MAY 13	14:00		15:00		3 TIMES LONGER
3	VIEW	145ch	NEWS	5464650	EVERYDAY	15:15		15:45		
•	auchau	- 3								
4	KECOKD	pech	CARTOON"OX"	1456466	MAY 13	16:00		17:00		STANDARD
5	VIEW	24ch	WEATHER	5846465	EVERY SATURDAY	17:00		17:05		
9	RECORD	130ch	MOVIE"CONTACTOR"	4654545	MAY 13	20:00	-	21:00		3 TIMES LONGER
7	:	:	•	:		:		:		

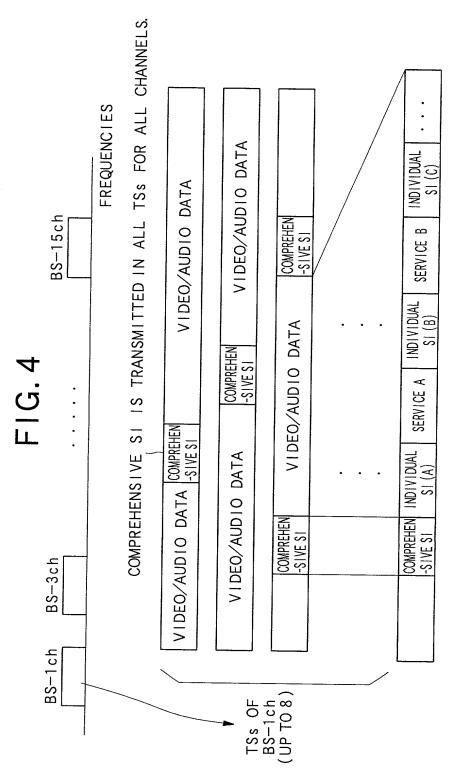
NUMATA et al Q66412
PROGRAM GUIDING APPARATUS AND
METHOD
Filed: September 27, 2001
Darryl Mexic 202-293-7060
3 of 24

FIG. 3

		FAVOF	FAVORITES TABLE	<b>H</b>		
ENTRY NO.	ENTRY CHANNEL NO.	PROGRAM TITLE	PROGRAM CODE	DATE	START	END
1	45ch	NEWS	4545655	MAY 13	13:30	14:00
2	24ch	VARIETY"XXZ"	4454665	EVERY SATURDAY	14:00	15:30
3	150ch	SOCCER"XX VS □□"	2125445	MAY 13	16:00	18:00
4	50ch	DRAMA"FFG"	1046465	EVERYDAY	14:00	14:30
5	145ch	DOCUMENTARY""	5454454	MAY 13	15:00	16:00
9	56ch	PRO WRESTLING	6546454	MAY 14	18:00	19:00
7	:		:		:	
				•	-	

NUMATA et al Q66412 PROGRAM GUIDING APPARATUS AND METHOD Filed: September 27, 2001 Darryl Mexic 202-293-7060

4 of 24

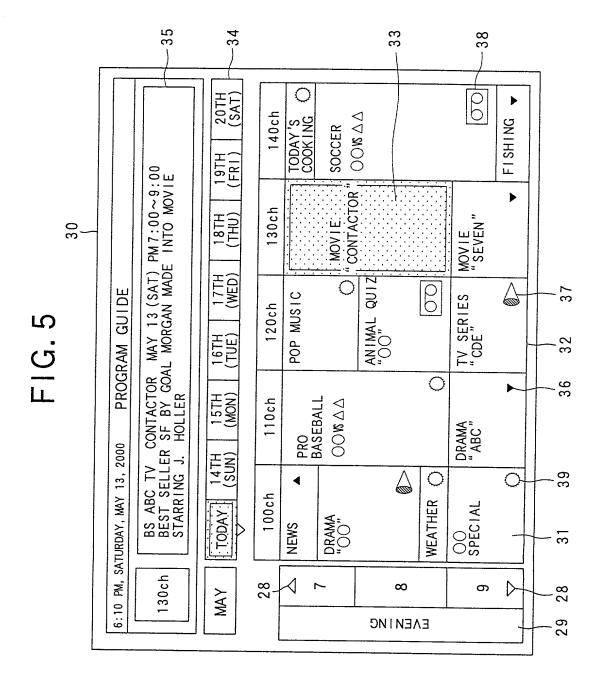


INDIVIDUAL SI IS TRANSMITTED ONLY IN TS OF EACH SERVICE

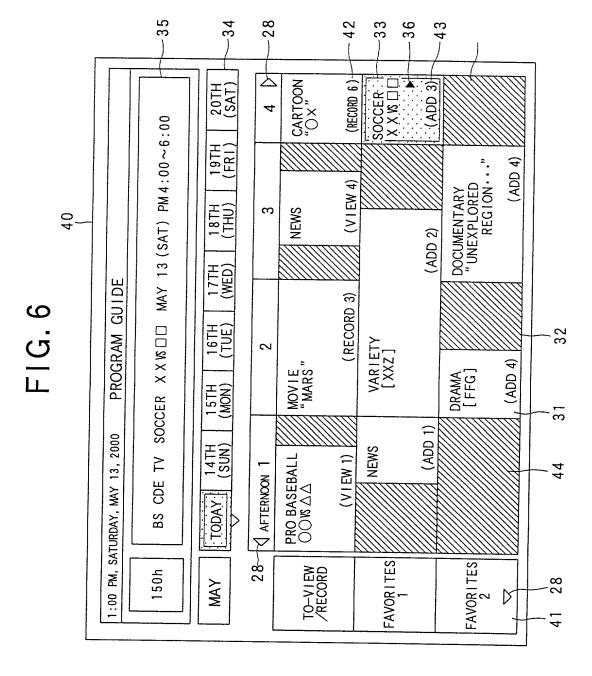
FOR EACH CHANNEL, MAXIMUM OF 8 MPEG—2 TSs ARE TRANSMITTABLE MAXIMUM OF 32 SERVICES ARE TRANSMITTABLE PER TS (UP TO 8 FOR TV, UP TO 16 FOR RADIO, UP TO 24 ITEMS OF DATA)

NUMATA et al Q66412
PROGRAM GUIDING APPARATUS AND METHOD
Filed: September 27, 2001
Darryl Mexic 202-293-7060

Darryl Mexic 5 of 24

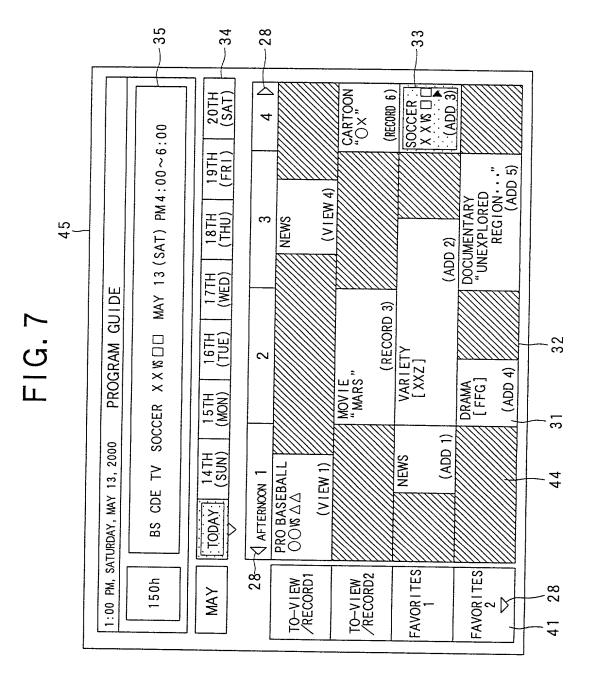


Filed: September 27, 2001 Darryl Mexic 202-293-7060 6 of 24

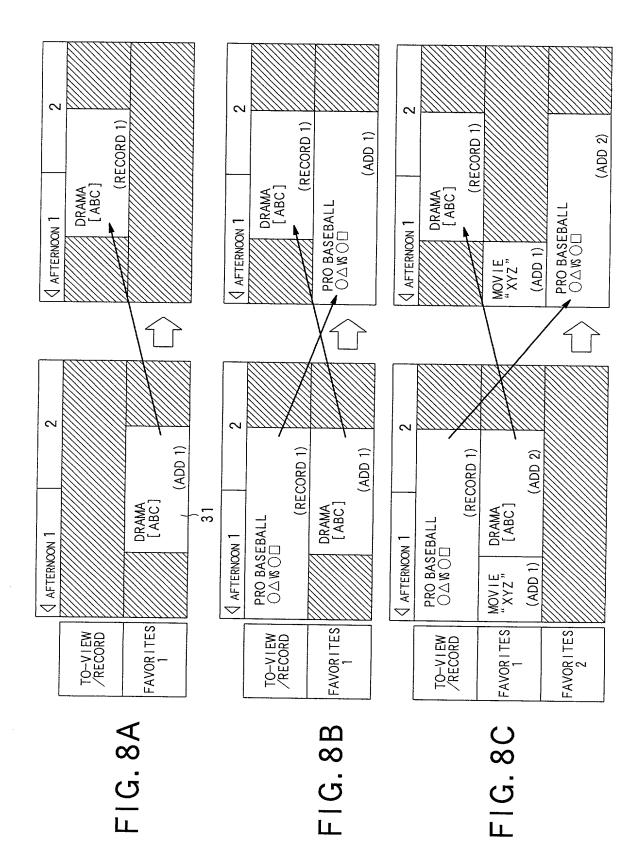


Filed: September 27, 2001 Darryl Mexic 202-293-7060

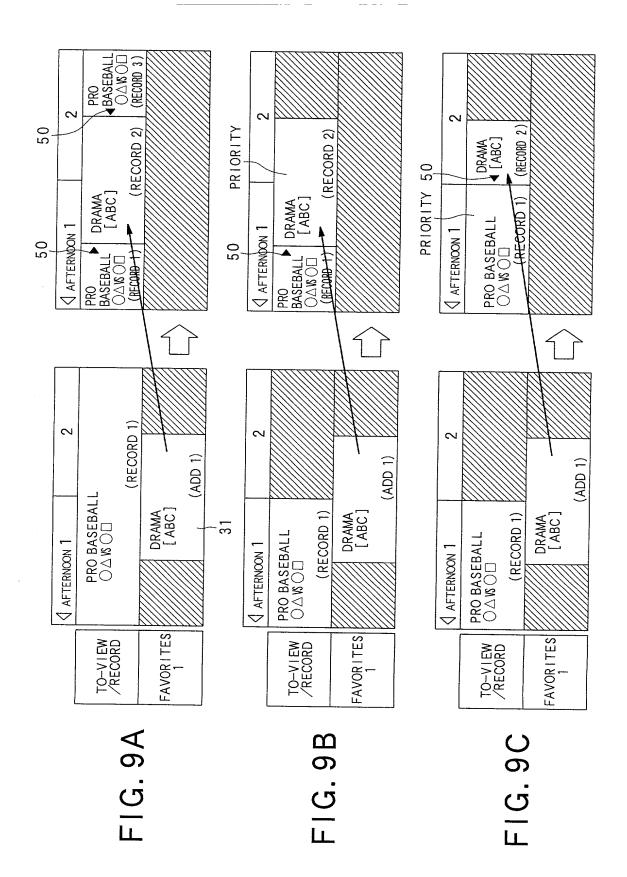
7 of 24



NUMATA et al Q66412 PROGRAM GUIDING APPARATUS AND METHOD Filed: September 27, 2001 Darryl Mexic 202-293-7060 8 of 24



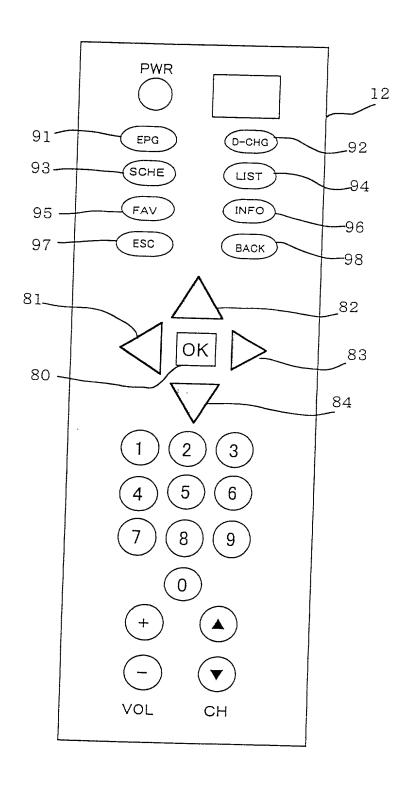
METHOD
Filed: September 27, 2001
Darryl Mexic 202-293-7060
9 of 24



NUMATA et al Q66412 PROGRAM GUIDING APPARATUS AND METHOD Filed: September 27, 2001 Darryl Mexic 202-293-7060

10 of 24

FIG. 10



NUMATA et al Q66412
PROGRAM GUIDING APPARATUS AND
METHOD
Filed: September 27, 2001
Darryl Mexic 202-293-7060
11 of 24

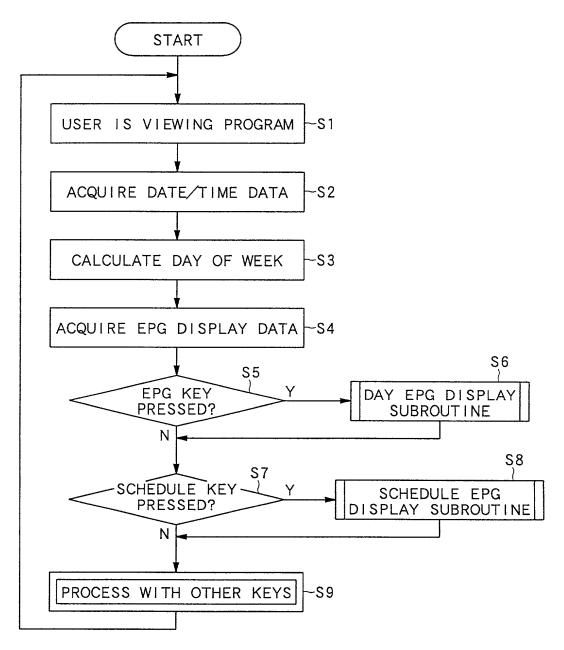
			TO-VIEW/RECORD LIST	CORD LIST			
ENTRY NO.	ENTRY TYPE	CHANNEL NO.	PROGRAM TITLE	DATE	START	END	RECORDING MODE
	VIEW	130ch	PRO BASEBALL"OOVS∆∆"	MAY 13	13:00	13:45	
73	RECORD	40ch	MOVIĘ"MARS"	MAY 13	14:00	15:00	3 TIMES LONGER
က	VIEW	145ch	NEWS	EVERYDAY	15:15	15:45	
	RECORD	56ch	$CARTOON"\bigcirc\times"$	MAY 13	16:00	17:00	STANDARD
	VIEW	24ch	WEATHER	EVERY SATURDAY	17:00	17:05	Richard
9	RECORD	130ch	MOVIE"CONTACTOR"	MAY 13	19:00	21:00	3 TIMES LONGER
	RECORD	120ch	RECORD 1	MAY 13	22:00	23:00	3 TIMES LONGER

NUMATA et al Q66412 PROGRAM GUIDING APPARATUS AND METHOD Filed: September 27, 2001 Darryl Mexic 202-293-7060 12 of 24

	E D	00	30	00	30	00	00	00	
	END	14:00	15:30	18:00	14:30	16:00	19:00	21:00	
	START	13:30	14:00	16:00	14:00	15:00	18:00	20:00	
ES LIST	DATE	MAY 13	EVERY SATURDAY	MAY 13	EVERYDAY	MAY 13	MAY 14	MAY 14	
FAVORITES LIST	PROGRAM TITLE	NEWS	VARIETY"XXZ"	SOCCER"XX VS \  \  \  \  \	DRAMA"FFG"	DOCUMENTARY""	PRO WRESTLING	ADD 1	
	CHANNEL NO.	45ch	24ch	150ch	50ch	145ch	56ch	31ch	
	ENTRY NO.	1	67	က	4	2	9	7	

NUMATA et al Q66412
PROGRAM GUIDING APPARATUS AND METHOD
Filed: September 27, 2001
Darryl Mexic 202-293-7060
13 of 24

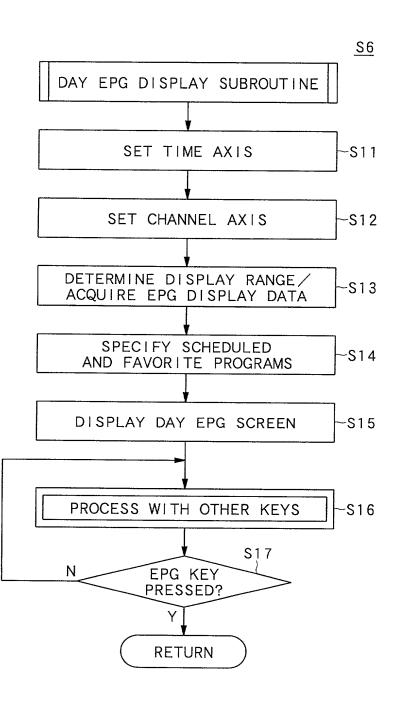
FIG.13



Filed: September 27, 2001 Darryl Mexic 202-293-7060

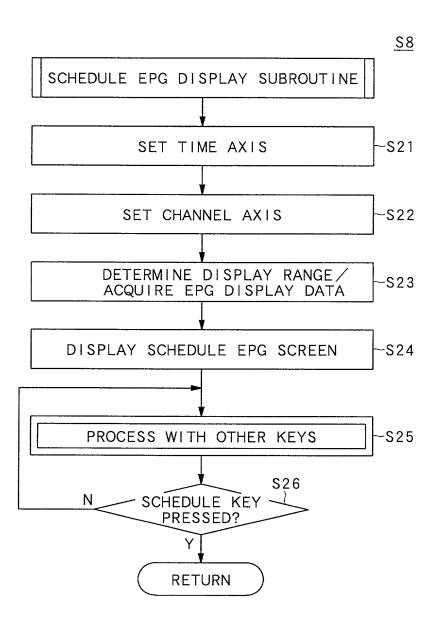
14 of 24

FIG.14



NUMATA et al Q66412 PROGRAM GUIDING APPARATUS AND METHOD Filed: September 27, 2001 Darryl Mexic 202-293-7060 15 of 24

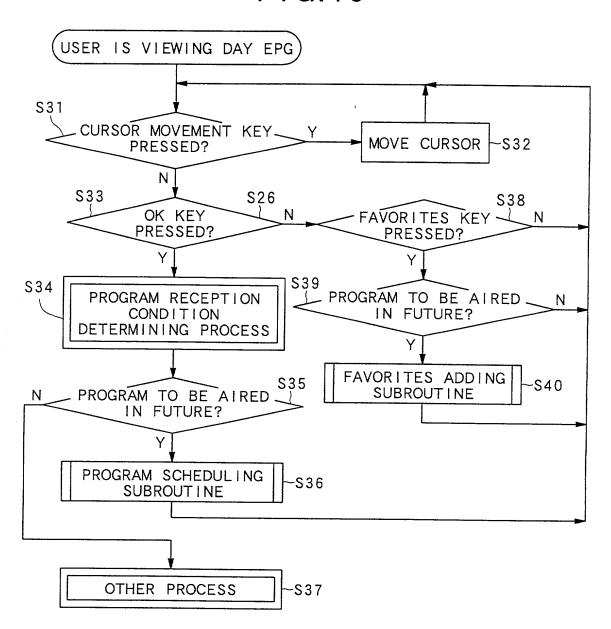
FIG.15



Q66412 NUMATA et al PROGRAM GUIDING APPARATUS AND METHOD Filed: September 27, 2001

Darryl Mexic 202-293-7060 16 of 24

FIG.16



NUMATA et al Q66412 PROGRAM GUIDING APPARATUS AND METHOD Filed: September 27, 2001 Darryl Mexic 202-293-7060 17 of 24

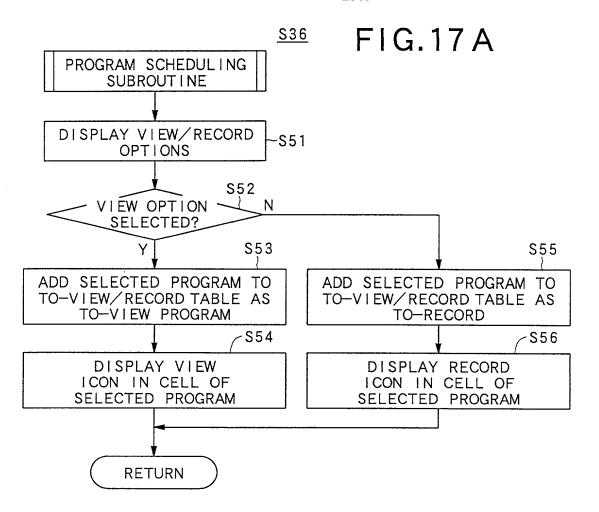
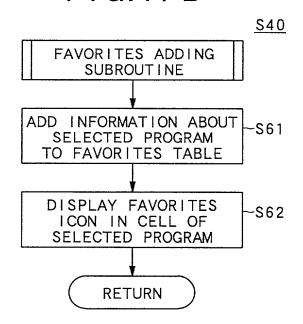


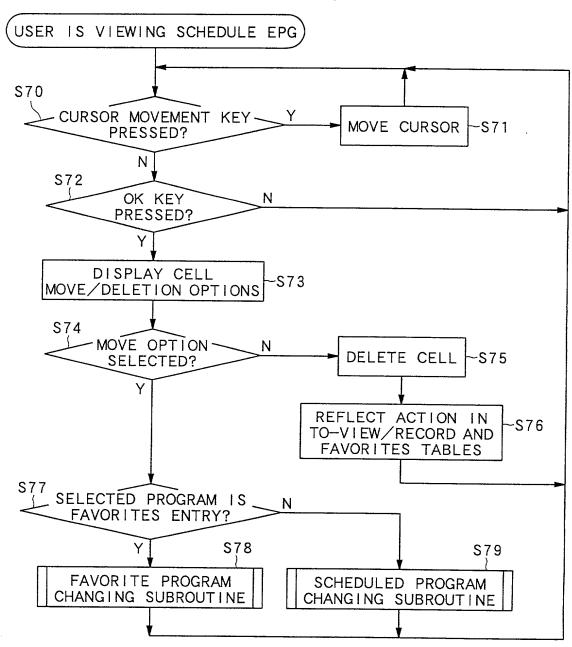
FIG. 17B



NUMATA et al Q66412 PROGRAM GUIDING APPARATUS AND METHOD Filed: September 27, 2001

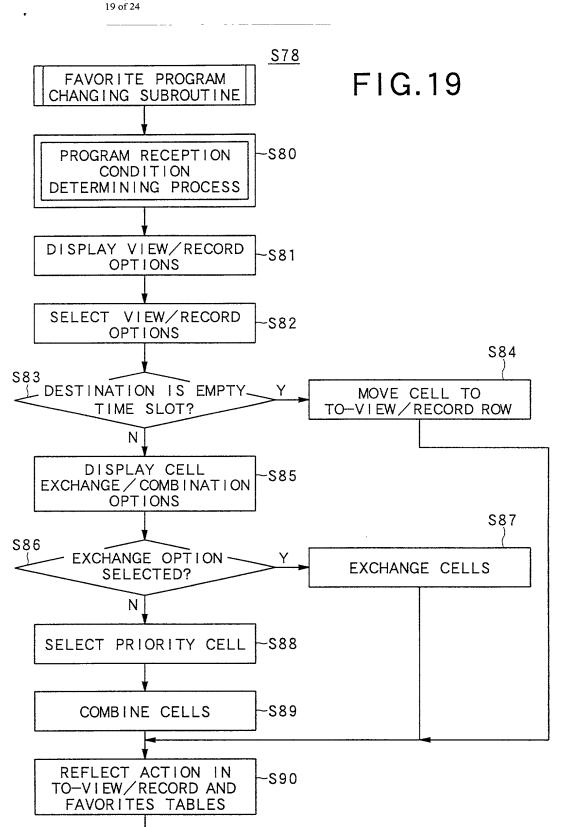
Filed: September 27, 2001 Darryl Mexic 202-293-7060 18 of 24

FIG.18



Filed: September 27, 2001 Darryl Mexic 202-293-7060

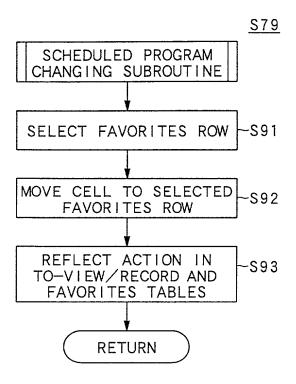
**RETURN** 



NUMATA et al Q66412
PROGRAM GUIDING APPARATUS AND
METHOD
Filed: September 27, 2001
Darryl Mexic 202-293-7060

20 of 24

FIG. 20



NUMATA et al Q66412
PROGRAM GUIDING APPARATUS AND
METHOD
Filed: September 27, 2001
Darryl Mexic 202-293-7060
21 of 24

_												
	RECORDING MODE	3 TIMES LONGER					RECORDING MODE	3 TIMES LONGER	3 TIMES LONGER	3 TIMES LONGER	•••	
	CHANGE						CHANGE	1				
	END	15:00	:				END	13:30	14:30	15:00	:	
	CHANGE						CHANGE			1		
	START TIME	13:00	:				START	13:00	13:30	14:30	:	
TO-VIEW/RECORD TABLE	DATE	JUNE 13	• • •		25	TO-VIEW/RECORD TABLE	DATE	JUNE 13	JUNE 13	JUNE 13		
O-VIEW/RE	PROGRAM CODE	6897879	:	(A)	•	O-VIEW/RE	PROGRAM CODE	6897879	7877999	6897879		T
	PROGRAM TITLE	PRO BASEBALL"O∆VSO□"	:			L	PROGRAM TITLE	PRO BASEBALL"O∆VSO□"	DRAMA"ABC"	PRO BASEBALL"O∆VSO□"	•	T
	CHANNEL NO.	130ch	•••				CHANNEL NO.	130ch	70ch	130ch	;	Y
	ENTRY TYPE	RECORD	:				ENTRY TYPE	RECORD	RECORD	RECORD	;	
	ENTRY NO.	1	2				ENTRY NO.	П	2	အ	4	-

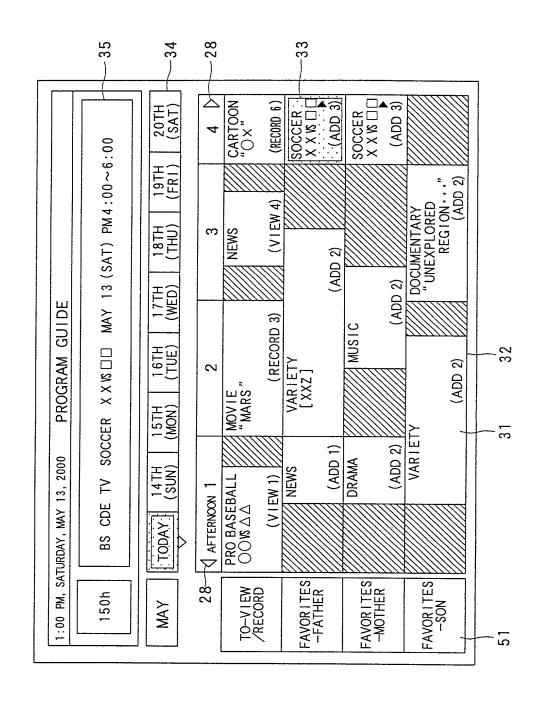
(B)

Filed: September 27, 2001
Darryl Mexic 202-293-7060
22 of 24

	END RECORDING TIME MODE	13:30 3 TIMES LONGER	14:30 3 TIMES LONGER	15:00 3 TIMES LONGER	
	START TIME	13:00	13:30	14:30	
ORD LIST	DATE	JUNE 13	JUNE 13	JUNE 13	
TO-VIEW/RECORD LIST	PROGRAM TITLE	PRO BASEBALL"O∆VSO□"	DRAMA"ABC"	PRO BASEBALL"O∆VSO□"	
	CHANNEL NO.	130ch	70ch	130ch	
	ENTRY TYPE	RECORD	RECORD	RECORD	
	ENTRY NO.	<b></b>	23	အ	•

METHOD Filed: September 27, 2001 Darryl Mexic 202-293-7060

FIG. 23



Filed: September 27, 2001 Darryl Mexic 202-293-7060

24 of 24

FIG. 24

